

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080619\
 Data File : VW011725.D
 Acq On : 05 Aug 2019 22:06
 Operator : SY/VA
 Sample : K4154-09
 Misc : 4.45G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PS-9

Quant Time: Aug 06 08:51:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

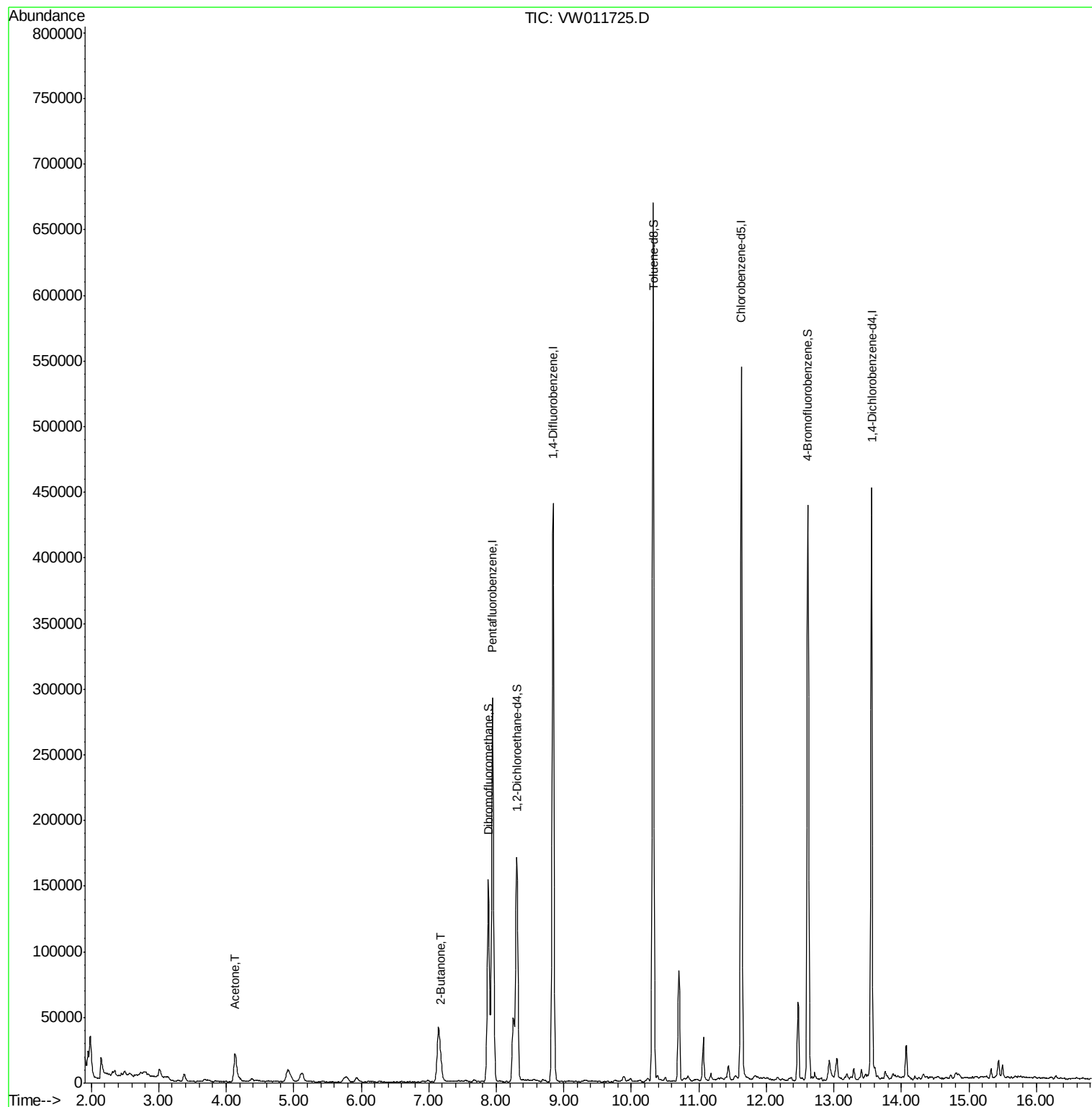
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	343528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	281031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	109498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	137571	58.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.78%	
35) Dibromofluoromethane	7.88	113	106777	55.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.80%	
50) Toluene-d8	10.32	98	415661	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.62	95	132553	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
Target Compounds						
16) Acetone	4.13	43	43505	58.049	ug/l	94
25) 2-Butanone	7.18	43	22406	22.847	ug/l	96

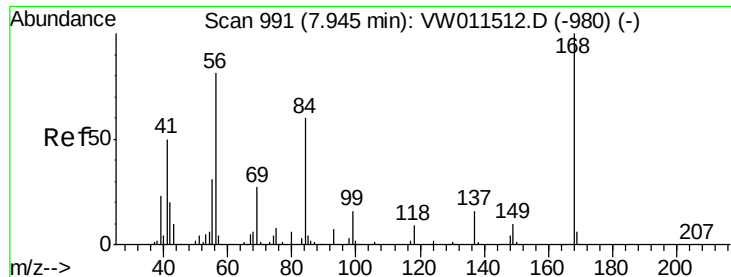
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011725.D

Acq: 05 Aug 2019 22:06

Instrument :

MSVOA_W

ClientSampleId :

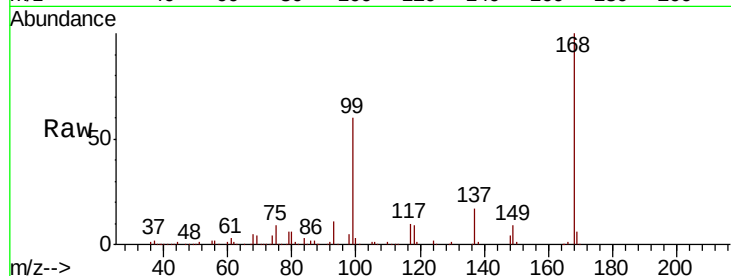
PS-9

Tot Ion:168 Resp: 205182

Ion Ratio Lower Upper

168 100

99 59.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

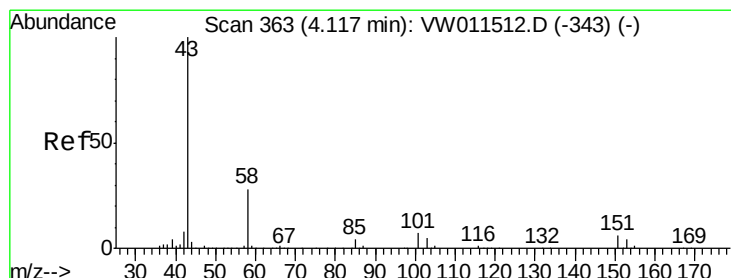
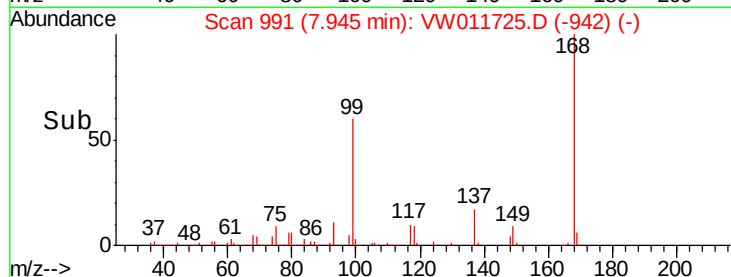
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 58.049 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011725.D

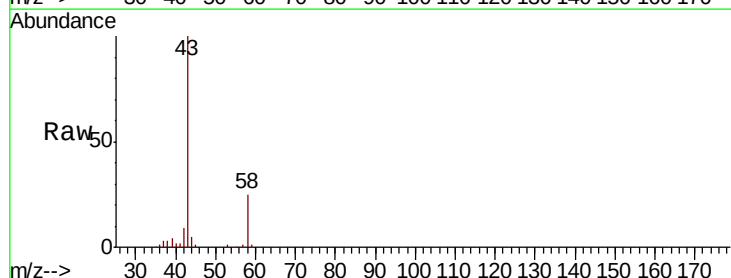
Acq: 05 Aug 2019 22:06

Tgt Ion: 43 Resp: 43505

Ion Ratio Lower Upper

43 100

58 24.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

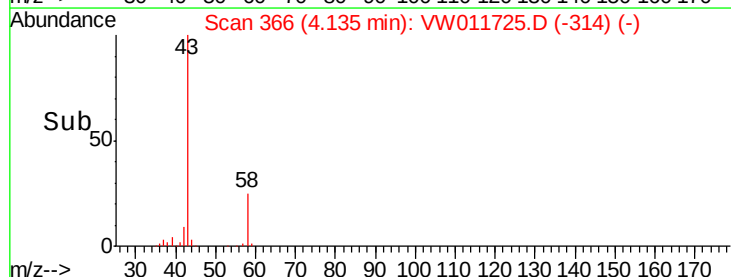
15000

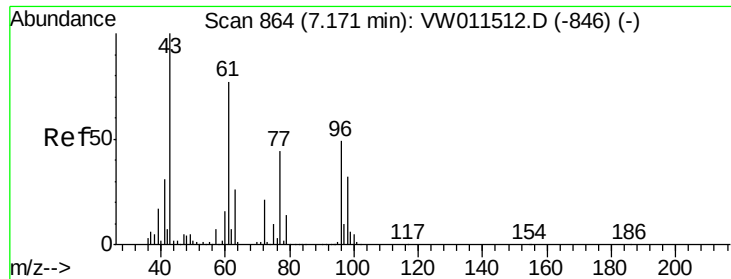
10000

5000

0

Time--> 4.00 4.10 4.20 4.30





#25

2-Butanone

Concen: 22.847 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW011725.D

Acq: 05 Aug 2019 22:06

Instrument :

MSVOA_W

ClientSampled :

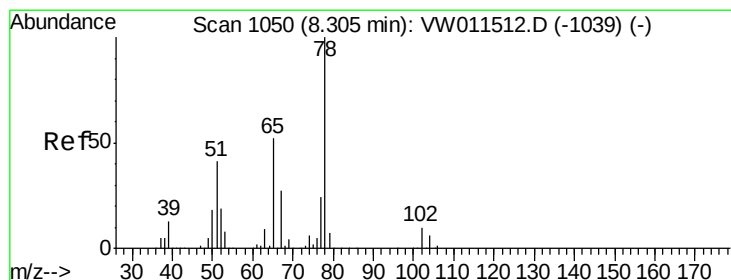
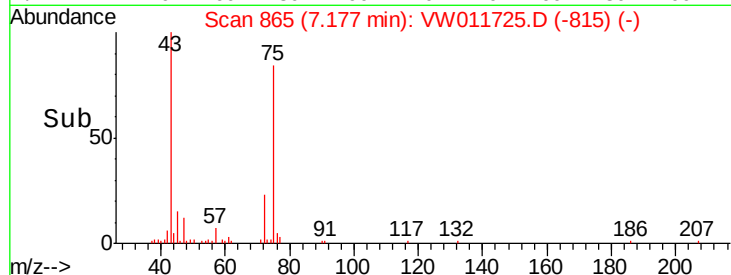
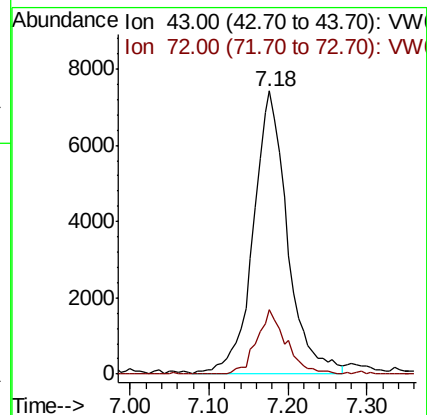
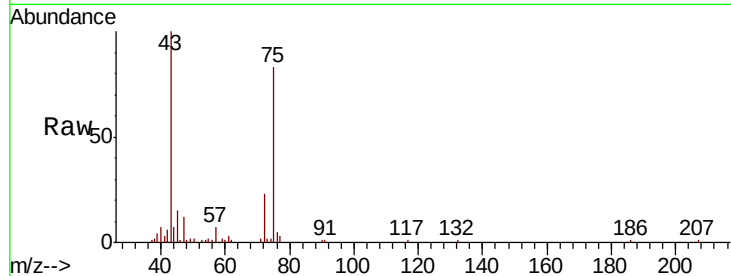
PS-9

Tot Ion: 43 Resp: 22406

Ion Ratio Lower Upper

43 100

72 22.8 16.6 24.8



#33

1,2-Dichloroethane-d4

Concen: 58.390 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011725.D

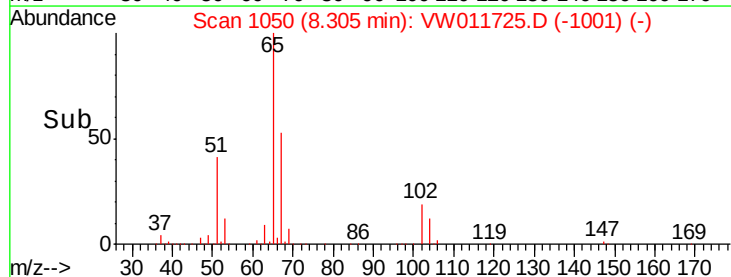
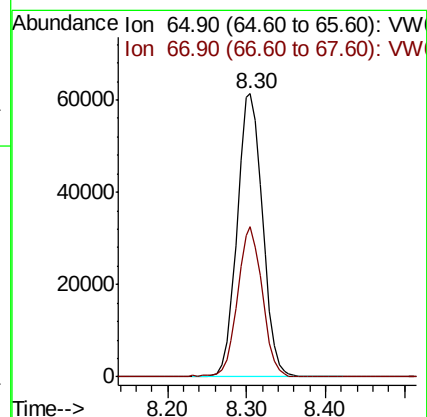
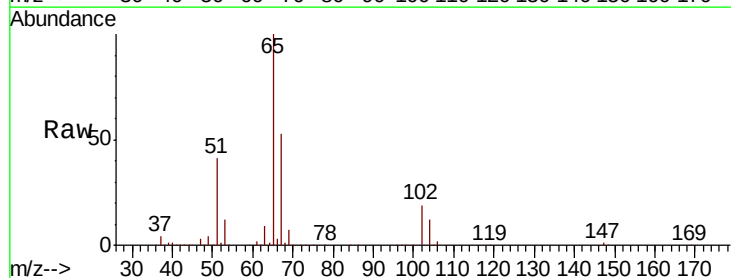
Acq: 05 Aug 2019 22:06

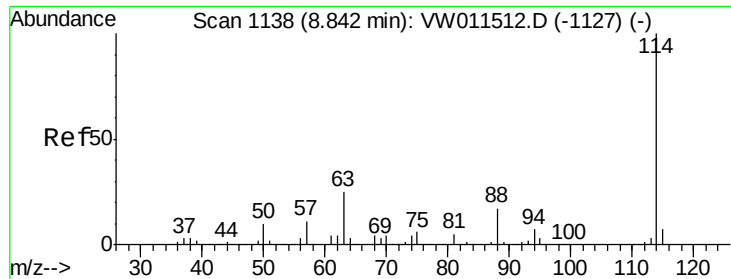
Tgt Ion: 65 Resp: 137571

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.2

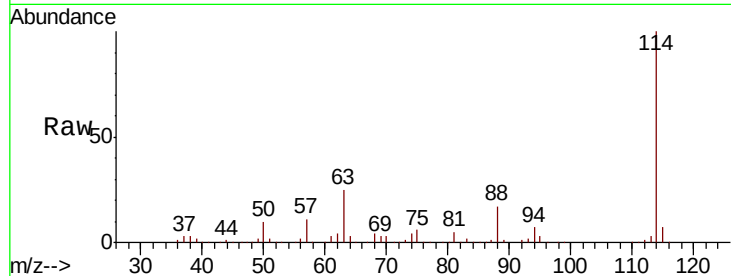




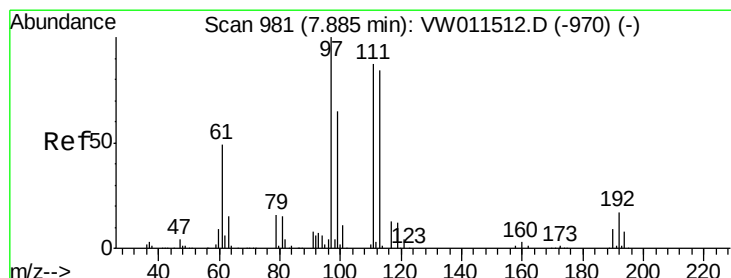
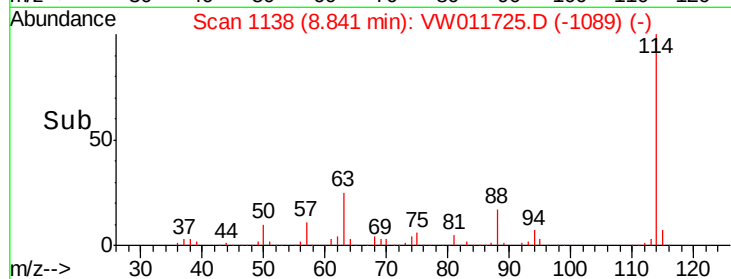
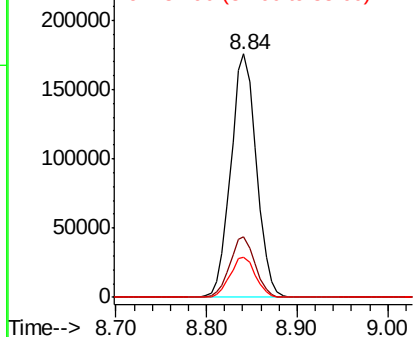
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011725.D
 Acq: 05 Aug 2019 22:06

Instrument :
 MSVOA_W
 ClientSampleId :
 PS-9

Tot Ion:114 Resp: 343528
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 16.7 0.0 33.8

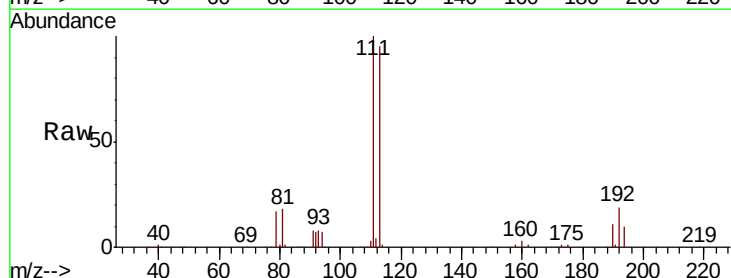


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

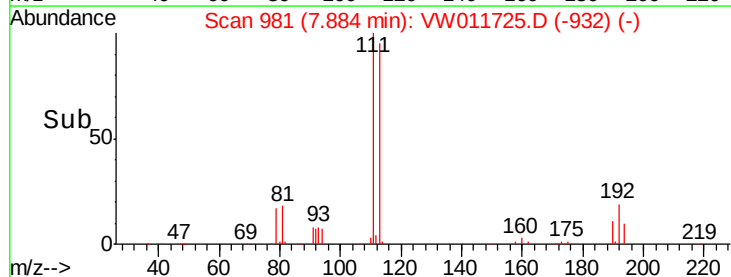
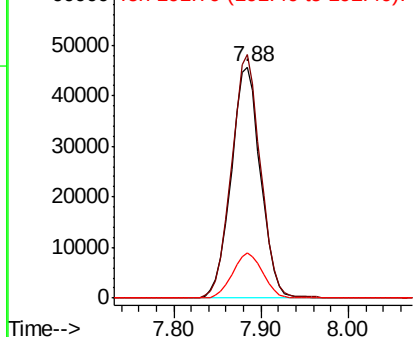


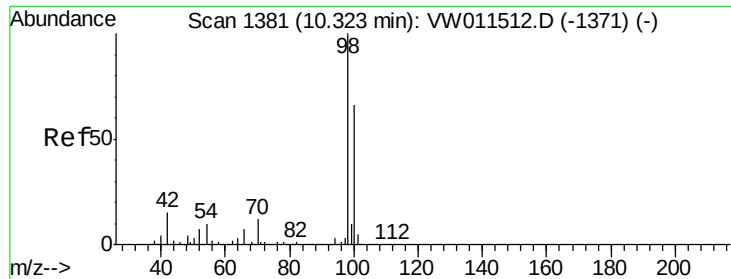
#35
 Dibromofluoromethane
 Concen: 55.404 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011725.D
 Acq: 05 Aug 2019 22:06

Tgt Ion:113 Resp: 106777
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.7 124.1
 192 19.9 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

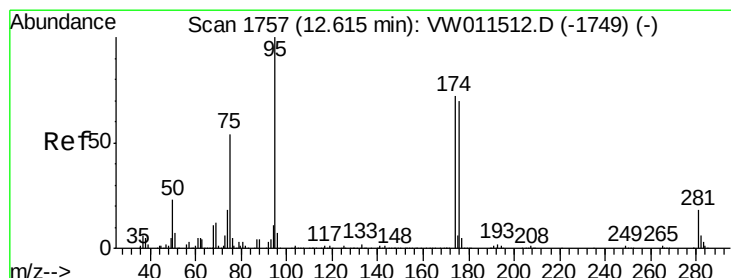
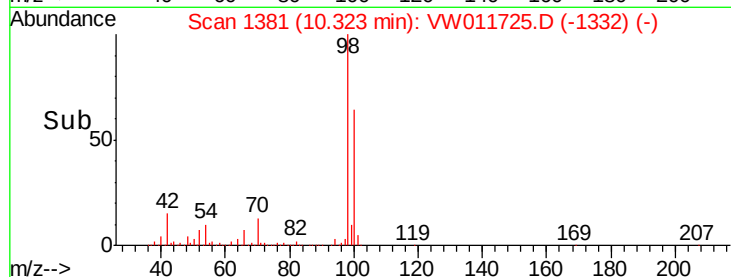
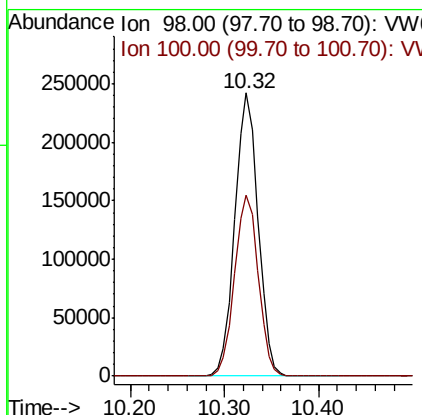
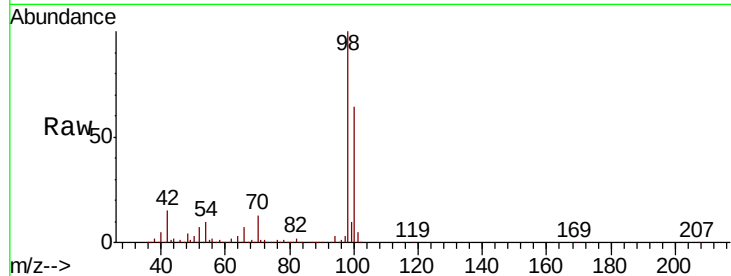




#50
Toluene-d8
Concen: 52.677 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011725.D
Acq: 05 Aug 2019 22:06

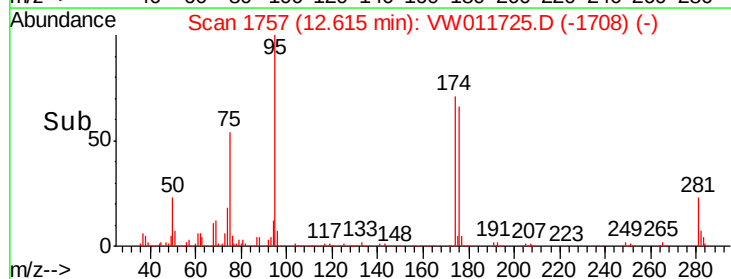
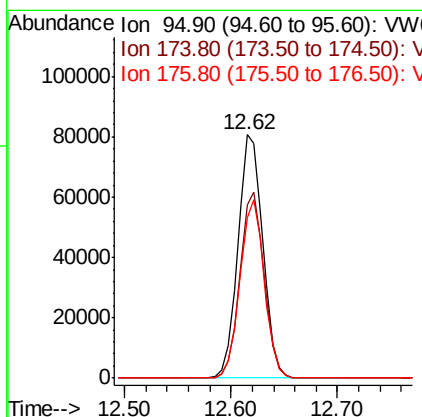
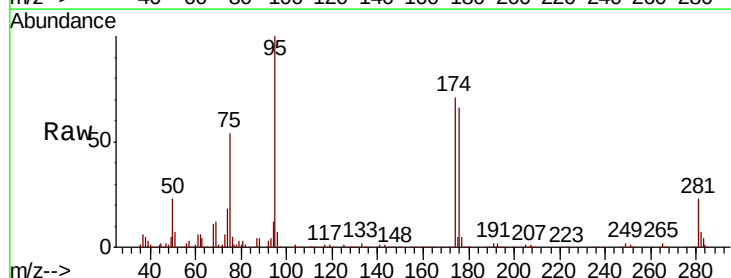
Instrument :
MSVOA_W
ClientSampled :
PS-9

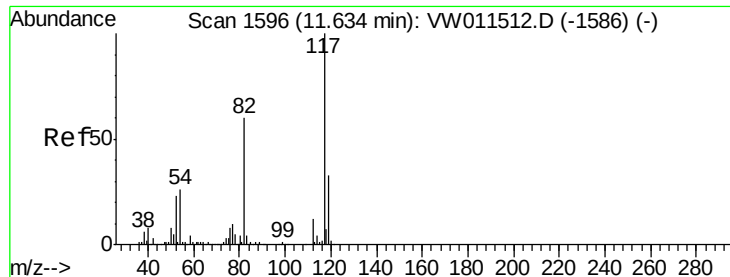
Tot Ion: 98 Resp: 415661
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 47.118 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011725.D
Acq: 05 Aug 2019 22:06

Tgt Ion: 95 Resp: 132553
Ion Ratio Lower Upper
95 100
174 74.4 0.0 150.2
176 71.4 0.0 144.4

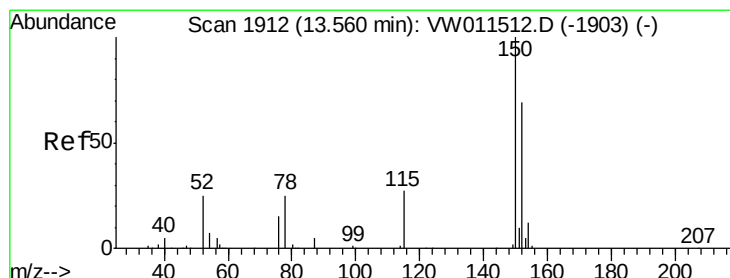
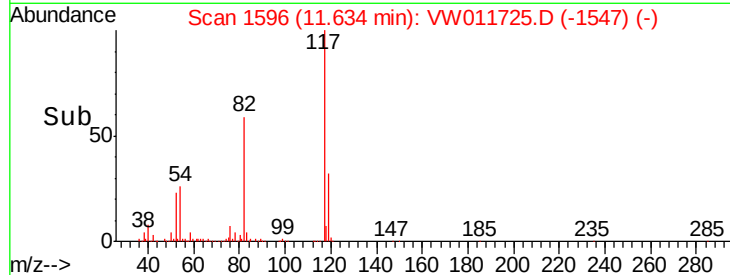
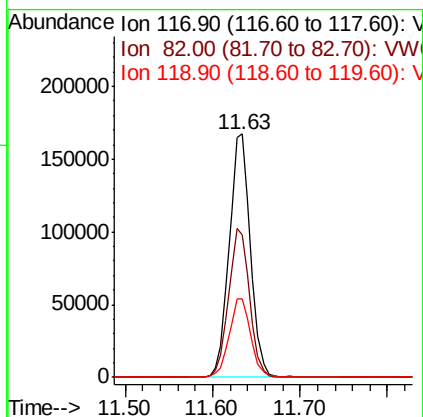
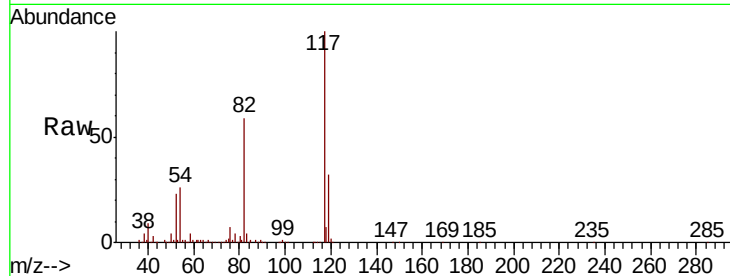




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011725.D
Acq: 05 Aug 2019 22:06

Instrument :
MSVOA_W
ClientSampleId :
PS-9

Tot Ion:117 Resp: 281031
Ion Ratio Lower Upper
117 100
82 58.5 47.9 71.9
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011725.D
Acq: 05 Aug 2019 22:06

Tgt Ion:152 Resp: 109498
Ion Ratio Lower Upper
152 100
115 60.5 30.5 91.5
150 156.1 0.0 352.6

